

REVERSING TRANSFER DRIVE FOR SICKLE CUTTING
KNIVES ON A HEADER OF AN AGRICULTURAL COMBINE

Abstract Of The Disclosure

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A drive for transferring sideward motion from
a first or driving elongate sickle knife to a second or
driven elongate sickle knife longitudinally aligned with
the first sickle knife. A double rack and pinion
10 arrangement is used including at least one pinion
mounted at a fixed location, a first sidewardly
extending rack is connected to the first sickle knife
for sideward movement therewith and a second sidewardly
extending rack is connected to the second sickle knife
15 for sideward movement therewith, the racks both being
enmeshed with the pinion such that sideward movement of
the driving knife causes corresponding opposite sideward
movement of the longitudinally aligned driven knife.